

SHUKHMAN, L.N.

Some features of secondary Khibiny lepidomelanes. Izv. Kar. i Kol'.
fil. AN SSSR no. 3:143-144 '59. (MIRA 13:4)

1. Geologicheskiy institut Kol'skogo filiala AN SSSR.
(Khibiny Mountains--Lepidomelane)

SHUKHEMAN, L. M. Cand Geol-Min Sci -- "Sphene mineralization in rocks of the upper contact zone of the Kukisvumchorr-Yukspor apatite-and-^{nephelite}~~nephelite~~ deposit in Khibiny." Apatity, 1960. (Min of Higher and Secondary Specislized Education RSFSR. Len Order of Lenin and Labor Red Banner Mining Inst in G. V. Plekhanov. Kola Affiliate of the Acad Sci USSR). (KL, 1-61, 186)

SHCHERBAKOV, V.I.; SHUKHMAN, M.I.

Symbols used for skeleton diagrams of hydraulic and pneumatic
drives in the United States. Stan.1 instr. 28 no.9:29-34 S '57.
(MIRA 10:10)

(United States--Signs and symbols)

(United States--Machine tools--Pneumatic driving)

(United States--Machine tools--Hydraulic driving)

SHUKHMAN, P.G.

[Woodpulp processing machines] Bumagodelatel'nye mashiny.
Moskva, Goslesbumizdat, 1954. 240 p. (MLBA 7:11D)

SHUKHMAN, I.G.

Seminar on the mechanization of planning and standardization work
at the Middle Ural Economic Council. Biul.tekh.-ekon.inform.Gos.
nauch.-issl.inst.nauch.i tekh.inform 17 no.11:86-87 N '64.

(MIRA 18:3)

SHUKHMAN, S.M.

Dissemination of hygiene information at the level of current public health problems. Zdrav.Bel. 8 no.2:50-52 F '62. (MIRA 15:11)

1. Starshiy inspektor po sanitarnoy propagande Ministerstva zdravookhraneniya BSSR.

(HEALTH EDUCATION)

L 45422-65 EWT(1)/EEC(m)/EWT(m)/EPK(c)/EEG(k)-2/EWP(t)/EWP(b)/EWA(h) Pg-1/
 P1-1/P1-1/Po-1/Pq-1/Pr-1/Peb IJP(c)

ACCESSION NR: AP5007070

S/0120/65/000/001/0225/0226

AUTHOR: Odenov, S. V.; Udzulashvili, G. A.; Khvedelidze, V. Ye.;
 Chigvinadze, Dzh. G.; Shukhman, V. A.

TITLE: Magnetometer with film Hall generator operating at liquid helium
 temperature

SOURCE: Pribory i tekhnika eksperimenta, no. 1, 1965, 225-226

TOPIC TACS: magnetometer, Hall generator

ABSTRACT: A magnetometer is briefly described which is based on a mercury-selenide d-c film Hall generator. The instrument is intended for measuring the currents in closed superconducting circuits and permits detecting magnetic fields as weak as 0.05 oe. At 1 oe, the instrument error is 1%. The Hall-generator sensitivity: to magnetic field, 0.15 mv/oe-ma; to control current, 0.0014 mv/ma². "The authors wish to thank R. S. Popovidi for his/her help in the work." Orig. art. has: 4 figures.

Card 1/2

L 45422-65

ACCESSION NR: AP5007070

ASSOCIATION: Institut fiziki AN GruzSSR (Institute of Physics, AN GruzSSR)

SUBMITTED: 23Jan64

ENCL: 00

SUB CODE: ES, EM

NO REF SOV: 002

OTHER: 000

Card 2/2

L 13870-66 EWT(1)/EWT(m)/EWP(t)/EWP(b) IJP(c) JP/CG
ACC NR: AT6003163 SOURCE CODE: UR/3182/64/001/000/0090/0093

AUTHOR: Udzulashvili, G. A.; Chigvinadze, D. G.; Shukhman, V. A.

ORG: none

21, 44, 55
TITLE: Disruption of superconductivity in thin films by current pulses

SOURCE: AN GruzSSR. Institut fiziki. Elektronnyye i ionnyye protsessy v tverdykh telakh, v. 1, 1964, 90-93

TOPIC TAGS: superconductivity, metal film, ~~critical point~~, tin, *electric current*

ABSTRACT: The authors conducted a series of experiments on using current pulses to destroy superconductivity in thin films of tin. A pulse duration of 1-1000 μ sec was used in the 3.81-3.67°K range. The metal films were vacuum deposited on mica substrates. A series of square pulses was applied to the specimen at 4.2°K and the voltage drop across the resistance of the film was amplified and fed to an oscillograph. The temperature of the specimen was gradually lowered by evaporation of liquid helium to the point of transition to the superconductive state. At this temperature, the amplitude of the current pulses passing through the specimen is just

Card 1/2

L 13870-66
ACC NR: AT6003163

sufficient for full restoration of the resistance of the specimen, i.e. I_{cn} . The temperature was then held constant and the amplitude of the current pulses was gradually reduced. The signal on the oscillograph was plotted as a function of current amplitude. These data were used for determining the relationship between the reduced resistance R/R_n as a function of current amplitude I . It is found that

$$R/R_n = h/H \times I_{cn}/I,$$

where R_n is the resistance of the specimen in the normal state; R is the resistance of the specimen restored by a pulse of magnitude I ; I_{cn} is the critical amplitude which corresponds to complete transition to the normal state; h is the value of the signal on the oscillograph which corresponds to current amplitude I and resistance R ; H is the value of the signal on the oscillograph which corresponds to the normal state of the specimen. It is found that longer current pulses reduce the transition range and the final critical current. A table is given showing the values of the initial and final critical currents and the transition intervals for various temperatures and pulse durations. Even the longest current pulses did not produce the ideally sharp avalanche transition which is observed when direct current is used for destroying superconductivity although the process is clearly nonisothermal in the case of long current pulses. Orig. art. has: 1 figure, 1 table.

SUB CODE: 20/ SUBM DATE: 00/ ORIG REF: 002/ OTH REF: 003

Card 2/2 m c

SHUKHMAN, V.L.

Investigating the formation of a well by explosions. Trudy VNIIBT
no.10:21-29 '63. (MIRA 17:4)

... of the fracture of a hole bottom during the boring of rocks
without hardness by blasting. Varyv. delo no. 57/14120-
195. (MIRA 18:11)

1. Institut gorogo dela (Inst. Skochinskogo (for Saron').
2. Vsesoyuznyy nauchno-issledovatel'skiy institut burovykh
dovozhok (for "Trustman").

SHUCHMAN, V.M.

POPOV, I.S.; KIRILLOVA, N.I.; SHUR, S.O.; SCHUCHMAN, V.M.

Role of yeast-like fungi in eczema. Vest. vener. No.3:29-30 May-
June 50. (CML 19:4)

1. Of the Skin-Venereological Clinic (Director — Prof. I.S.Popov),
Second Khar'kov Medical Institute (Director— Docent P.L.Shchupik).

SHUKHMAN, Ya.Sh.

Starch and molasses industry of the Ukraine. Sakh.prom. 36 no.9:
50-52 S '62. (MIRA 16:11)

1. Gosplan UkrSSR.

SHUKHMAN, Z.; SHTAMM, V.; SHLEYMOVICH, S.; KALMYKOV, P.; RAL'TSEVICH, V.;
PYATENKOV, V.; POTEMIN, I.; SOKRATOV, Yu.

There are all conditions for building strong and good elevators. Muk.-elev. prom. 29 no.8:18-19 Ag '63.

(MIRA 17:1)

1. Zamestitel' upravlyayushchego trestom TSentroelevatormel'stroy (for Shtamm). 2. Nachal'nik sektora organizatsii stroitel'nykh rabot Gosudarstvennogo instituta Promzernoprojekt (for Ral'tsevich). 3. Starshiy inzh. TSentral'nogo konstruktorskogo byuro tresta Spetselevatormel'montazh (for Potemin). 4. Zamestitel' nachal'nika proizvodstvenno-tekhnicheskogo otdeleniya tresta Petropavlovskel'evatormel'stroy (for Sokratov).

KALMIKOV, P.V.; RAL'TSEVICH, V.A.; KHOROSHIY, I.S.; SHLEYMOVICH,
S.A.; SHUKHMAN, Z.S.; ARIELI, E.I.

[Building reinforced concrete structures in sliding forms]
Vozvedenie zhelezobetonnykh sooruzhenii v skol'ziashchei
opalubke. Moskva, Stroiizdat, 1965. 306 p.
(MIRA 18:12)

SHUKHMAN, Z. S.; KALMYKOV, P. V.

Grain Elevators

Technological regulations for the construction of grain elevators.
Biul. stroi. tekhn., 9, no. 14, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952 ~~1953~~, Uncl.

SHUKHMAN, Z. S.; PANOV, S. P.

Concrete Construction--Formwork

Automatic lifting of sliding forms with hydraulic crawler jacks.

Stroi. prom. 30, No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1952. UNCLASSIFIED.

SHUKHMAN, Z.S., inzh.; KHOROSHIY, I.S., inzh.; SOROKIN, N.V., inzh.

Construction of grain elevators made of precast and prestressed
concrete. Bet.i zhel.-bet. no.8:349-353 Ag '61. (MIRA 14:8)
(Grain elevators) (Precast concrete construction)
(Prestressed concrete construction)

GOLOVANOV, Vyacheslav Nikolayevich; SHUKHMIN, Yu.F., redaktor; PAVLICHENKO,
M.I., tekhnicheskiy redaktor

[How man comes to know the world] Kak chelovek poznaet mir. Rostov-
na-Donu, Rostovskoe knizhnoe izd-vo, 1957. 45 p. (MLBA 10:7)
(Knowledge, Theory of)

SHUKHAI, N. A.

Volzakhovskii, V. L., and Shukhina, N. A.: *Khimiko-Analiticheski kontrol' v kozhevennom i shino-ekstraktsionnom proizvodstve* (Chemical-Analytical Control in the Leather and Tanning-Extract Industries). Vol. 1-11. Moscow: Gosudarst. Nauch. Tekh. Izdatel. Ministerstva Promyshl. Tovarov Shirokogo Potrebleniya S.S.S.R. 1956.

made 2

VOYTSEKHOVSKIY, V.L., kand.tekhn.nauk; SHUKHNINA, N.A., kand.tekhn.nauk;
FEDOROVA, I.M., kand.tekhn.nauk; BURMISTROVA, L.I., mladshiy
nauchnyy sotrudnik

Chemical analysis in production processes and quality control of
finished products in the leather and tanning extract industries.
Nauch.-issl. trudy TSNIKP no. 30:120-131 '59. (MIRA 14:5)
(Leather industry--Quality control)
(Tanning materials--Analysis)

SOV/28-58-6-18/34

AUTHORS: Voytsekhovskiy, V.L., Fedorova, I.M., Shukhnina, N.A., Candidates of Technical Sciences

TITLE: An Evaluation of the Quality of Moscow Leather (Otsenka kachestva yuftevoy kozhi)

PERIODICAL: Standartizatsiya, 1958, Nr 6, pp 61-62 (USSR)

ABSTRACT: The correct grading of Moscow leather as to chemical and physical-mechanical properties depends on the sample taken. The State Standard GOST 938-45 for testing Moscow leather was developed 13 years ago. Since that time considerable technological progress has been made. New values should be established. Tests made have shown that the resistance in air-dried samples is 7.4-11.6% higher than in wet samples. The lengthening under a stress of 1 kg/mm² is in dry samples 12.5-20% lower than in wet ones. The quality of leather can be best determined by taking samples of rump leather, as mentioned in GOST 938-45.

Card 1/2

VOYTSEKHOVSKIY, V.L.; SHUMNINA, N.A.

Rapid method of determining leather moisture. Nauch.-issl.trudy
TSNIKP no.32:28-37 '60. (MIRA 15:12)
(Leather) (Moisture—Measurement)

VOYTSEKEOVSKIY, V.L.; SHUKHNINA, N.A.; FEDOROVA, I.M.; ZAKATOVA, N.D.;
GUBAREV, A.S.

Determining the chemical and physicomachanical indices of Russian
leather. Nauch.-issl.trudy TSNIKP no.32:37-71 '60.

(MIRA 15:12)

(Leather—Testing)

VOYTSEKHOVSKIY, V.L.; SHUKHNINA, N.A.

Determining of calcium and magnesium ions in leather and
tanning extracts. Kozh.-obuv. prom. 7 no.1:14-17 Ja '65.
(MIRA 18:3)

1. 1. 1. H. F.

physiological value of rice proteins. Rep. pit. 24 no.2:19-21 Mr-AP
(MIRA 18:8)

2. Laboratoriya biokhimiicheskoi i pererabotki zerna (zav. -
dr. biol. nauk N. G. Medvedev) Vsesoyuznogo nauchno-issledovatel'skogo
centra zerna i produktov ego pererabotki, Moskva.

MONASTOVA, M. P.

Dissertation: "The quality of Oil in relation to its Glyceride Properties." Cand Agr Sci, Moscow Agricultural Academy imeni K. A. Timiryazev, Moscow, 1954. (Referativnyy Zhurnal-Akimiya, No 11, Moscow, Jan 54)

Doc: SOA 518, 23 Dec 1954

USSR / Farm Animals. Cattle.

Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7369

Author : Shukhnova, R. F.

Inst : ~~All-Union~~ Institute of Agriculture Teaching
by Correspondence

Title : The Influence of Additional E-Vitamin Nutrition upon the Quality of Butter

Orig Pub : Tr. Vses. s.-kh. in-ta zaohn. obrazovaniya,
1957, vyp. 1, 206-208

Abstract : The first group of cows was given a ration poor on tocopherol (basic ration; BR), the 2nd group received BR + wheat germ, the 3rd group was given BR + a commercial preparation of vitamin E. The experiment lasted for 2½ months. It was established that peroxides were absent in fresh butter which had been

Card 1/2

52

Shimoda, H. I.

Dissertation: "Opinoid Trees of the Far East and Their Significance in Expanding the raw materials base of the Gutta Percha Extraction Industry of the USSR." Cand Biol Sci, Institute of Botany imeni I. L. Komarov, Acad Sci USSR, Moscow, Oct-Dec 53. (Vestnik Akademii Nauk, Moscow, Jun 54)

SC: 301313, 25 Dec 1954

IL'IN, M.M.; SOKOLOV, P.D.; SHUKHOBODSKIY, B.A.

Conference at the V.L. Komarov Botanical Institute of the Academy
of Sciences of the U.S.S.R. on plant resources. Bot.zhur. 40 no.2:
305-314 Mar-Apr '55. (MLRA 8:7)
(Botany, Economic)

SHUKHOBODSKIY, B.A.

Spindle trees of the Far East and their gutta-percha capacity.
Trudy Bot.inst.Ser.5 no.4:5-98 '56. (MLRA 9:6)
(Soviet Far East--Spindle tree) (Gutta-percha)

SHUKHOBODSKIY P.A.

Third conference on plant phylogeny. Bot.zhur. 41 no.9:1404-1407
S '56. (MLA 9:11)

1. Botanicheskiy institut imeni V.L.Komarova Akademii nauk SSSR,
Leningrad.
(Phylogeny (Botany))

IL'IN, M.M., otvetstvennyy red.; SHUKHOBODSKIY, B.A., otvetstvennyy red.;
VASIL'YEV, V.N., prof., red.; PIGULEVSKIY, G.V., prof., red.;
SOKOLOV, V.S., prof., red.; FEDOROV, A.A., prof., red.;
BELKINA, M.A., red. izd-va; PEVZNER, R.S., tekhn. red.

[Present condition and prospects for the study of plant resources
of the U.S.S.R.] Sostoianie i perspektivy izucheniia rastitel'nykh
resursov SSSR, Moskva, 1958. 510 p. (MIRA 11:9)

1. Akademiya nauk SSSR. Botanicheskiy institut.
(Botany, Economic)

ARTYUSHENKO, Z.T.; VASIL'YEV, I.V.; GZYRYAN, M.S.; GOLOVACH, A.G.; GRUBOV,
V.I.; ZAMYATHIN, B.N.; PIDOTTI, O.A.; PILIPENKO, F.S.; POLETIKO,
O.M., kand.biolog.nauk; RODIONENKO, G.I.; RUSANOV, F.N.; SAAKOV,
S.G.; SOKOLOV, S.Ya., prof., doktor biolog.nauk, red.; FEDOROV,
A.I.A.; SHIPCHINSKIY, N.V. [deceased]; SHUL'GINA, V.V.; ~~SHUKHOBODSKIY,~~
B.A.; GOLOVNIN, M.I., red. izd-va; KRUGLIKOVA, N.A., tekhn.red.

[Trees and shrubs of the U.S.S.R.; wild, cultivated, and promising
exotic trees and shrubs] Derov'ia i kustarniki SSSR; dikorastushchie,
kul'tiviruemye i perspektivnye dlia introduktsii. Moskva. [Vol.4.
Angiosperms: Leguminosae - Punicaceae] Pokrytosemennye: Semeistva
bohovye-granatovye. 1958. 973 p. (MIRA 11:12)

1. AN SSSR. Botanicheskiy institut.
(Angiosperms) (Trees) (Shrubs)

SHUKHOBODSKIY, B.A.

Siebold's spindle tree (*Euonymus sieboldiana* Blume) and its gutta-percha content. Bot. zhur. 43 no.6:889-895 Jo '58. (MIRA 11:7)

1. Botanicheskiy institut im. V.L. Komarova Akademii nauk SSSR, Leningrad.

(Sakhalin--Spindle tree) (Gutta-percha)

SHOKHOBODSKIY, B.A.

Projector for drawing preparations in microscopic investigations.
Bot. zhur. 44 no.7:954-957. J1 '59. (MIRA 12:12)

1. Botanicheskiy institut im. V.L. Komarova AN SSSR, Leningrad.
(Projectors) (Biological apparatus and supplies)

SOKOLOV, P.D.; SHUKHOBODSKIY, B.A.

Tannin content of certain plants of the Sakhalin Island. Trudy
Bot.inst.Ser. 5 no.7:78-94 '61. (MIRA 14:4)
(Sakhalin--Botany) (Tanning materials)

SHUKHOBODSKIY, B.A.

Alkaloid resources of the flora of the central Sayans. Trudy Bot.
inst. Ser. 5 no.9:317-346 '61. (MIRA 15:1)
(Tukshinskoye Belogor'ye--Botany, Economic) (Alkaloids)

SHUKHOBODSKIY, B.A.

Formation of gutta and localization of gutta receptacles
in the young roots of the spindle tree. Rast. res. 1 no.2:
258-266 '65. (MIRA 18:11)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

SHUKHOV, A., pervyy shturman

Use of radar on river ships. Rech.transp. 21 no.7:44-46 J1
'62. (MIRA 15:8)

1. Teplokhod "Mekhanik Kalashnikov".
(Radar in navigation)

SHUKHOF, A. N.

V. N. Ivanov, P. K. Savchenko, and A. N. Shukhov, Vybor sposobov vskrytiya i sistem
otkrytoy razrabotki mestorozhdeniy (Selection of Methods of Discovering, and Systems
of Open-Pit Mining of Coal Beds), Ugletekhizdat.

The booklet is devoted to the question of perfecting open-pit coal mining technique, and further development of the theoretical bases of mining science. It describes variants of the method of opening up deep layers of Korkinskoy coal beds; also methods of computing the main mining parameters of open pits for conveyor transportation of coal, and gives a detailed basis for the selection of systems of working the Raychinskoy lignite beds.

The booklet is intended for technical-engineering workers of open pit coal mines.

SO: Sovetskaya knigi (Soviet Books), No. 183, 1953, Moscow, (U-6472)

SHUKHOV A. N.

1071. PARAMETERS OF SELF-DISCHARGING WAGONS FOR OPENCAST COAL MINES.
Shukhov, A. N. (Ugol (Coal, Moscow), Sept. 1957, 17-20). A mathematical
analysis shows that the following sizes of wagons should be made in the
U.S.S.R.: 60, 100 and 150 ton for rock, 90 and 140 ton for coal, and 120 and
180 ton for friable earth. (L).

SHUKHOV, A. N., Cand Tech Sci -- (diss) "Study of parameters of self-
unloading cars for coal pits." Mos, 1958. 17 pp (Administration of
Sci Res and Planning Organizations ^{Main} ~~at~~ Gosplan USSR, All-Union Sci Res
Coal Inst VUGI), 130 copies (KL, 17-58, 109)

-54-

AUTHORS: Shukhov, A.N. and Gribanov, A.F. SOV/127-58-12-11/26

TITLE: On the Choice of Electric Locomotives for Opencast Mining Operations (O vybore elektrovozov dlya otkrytykh gornykh razrabotok)

PERIODICAL: Gornyy zhurnal, 1958, Nr 12, pp 43 - 46 (USSR)

ABSTRACT: Different four-axle electric locomotives of foreign and Soviet make, presently used in opencast mines and quarries of the Union, have insufficient traction weight, insufficient motive power, and many structural defects. Both types are not equipped for the recuperative braking. After describing specific conditions under which the locomotives must be able to work, the authors determine the factors which must be taken into consideration when new locomotives are produced. Research conducted by the Institut kompleksnykh transportnykh problem AN SSSR (The Institute of Transportation Problems of the AS USSR) on the electrification of railways show, that with the use of a single-phase current of industrial frequency with the field intensity of 20 kilovolt in the contacting net, the capital expenditure will be 20 - 25% less than with the existing system of direct current of 3.3 kilovolt. Electric wide-gage locomotives

Card 1/2

ZAYTSEV, A.P., red.; BORZOV, K.V., red.; BOGUSLAVSKIY, Yu.K., red.;
BELOUSOV, V.G., red.; VODAKHOV, L.A., red.; IZRAITEL', S.A., red.;
KOL', A.N., red.; LISYUK, S.S., red.; MOISEYEV, S.I., red.;
MEL'NIKOV, N.V., red.; MOROZOV, V.P., red.; MUDROV, P.A., red.;
POLYAKOVA, Z.K., red.; PODERNI, Yu.S., red.; POLESIN, Ya.L., red.;
POKROVSKIY, L.A., red.; SLASTUNOV, V.G., red.; SKURAT, V.K., red.;
STRUNIN, M.A., red.; SOKOLOVSKIY, M.M., red.; FEOKTISTOV, A.T.,
red.; CHESNOKOV, M.M., red.; SHUKHOV, A.N., red.; YAMSHCHIKOV,
S.M., red.; BYKHOVSKAYA, S.N., red.izd-va; BERESLAVSKAYA, L.Sh.,
tekhn.red.

[Unified safety regulations in open-cut mining] Edinye pravila
bezopasnosti pri razrabotke mestorozhdenii poleznykh iskopaemykh
otkrytym sposobom. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po
gornomu delu, 1960. 61 p. (MIRA 13:7)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennyi komitet po nadzoru
za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru.
(Strip mining--Safety measures)

Жуков, А.В.

ALATORTSEV, S.A., prof., doktor tekhn.nauk; ANDREYEV, A.V., kand.tekhn.nauk; ANCHAROV, I.L., inzh.; BALINSKIY, S.I., inzh.; BELOUSOV, V.G., inzh.; VINNITSKIY, K.Ye., kand.tekhn.nauk; VLASOV, V.M., inzh.; VORONTSOV, N.P., kand.tekhn.nauk; GIPSMAN, M.K., inzh.; GLUZMAN, I.S., kand.tekhn.nauk; GUR'YEV, S.V., kand.tekhn.nauk [deceased]; DEMIN, A.M., kand.tekhn.nauk; YEGURNOV, G.P., kand.tekhn.nauk; YEFIMOV, I.P., inzh.; ZHUKOV, L.I., kand.tekhn.nauk; ZEL'TSER, N.M., inzh.; KOSACHEV, M.N., kand.tekhn.nauk; KOTOV, A.F., inzh.; KUDINOV, G.P., inzh.; LAPOVENKO, N.A., kand.tekhn.nauk; MAZUROK, S.F., inzh.; MEL'NIKOV, N.V.; MUDRIK, N.G., inzh.; NIKONOV, G.P., kand.tekhn.nauk; ORLOV, Ye.I., inzh.; POTAPOV, M.G., kand.tekhn.nauk; PRISEDSKIY, G.V., inzh.; RZHEVSKIY, V.V., prof., doktor tekhn.nauk; RYAKHIN, V.A., kand.tekhn.nauk; SIMKIN, B.A., kand.tekhn.nauk; SITNIKOV, I.Ye., inzh.; SOROKIN, V.I., inzh.; STASYUK, V.N., kand.tekhn.nauk; STAKHEVICH, Ye.B., inzh.; SUSHCHENKO, A.A., inzh.; TYUTIN, I.F., inzh.; TYMOVSKIY, L.G., inzh.; FISENKO, G.L., kand.tekhn.nauk; FURMANOV, B.M., inzh.; SHATAYEV, M.G., inzh.; SHESHKO, Ye.F., prof., doktor tekhn.nauk; TERPIGOREV, A.M., glavnyy red. [deceased];

(Continued on next card)

ALATORTSEV, S.A.---(continued) Card 2.

KIT, I.K., zastavitel' glavnogo red.; SHESHKO, Ye.F., zastavitel' otv.red.; BUGOSLAVSKIY, Yu.K., red.; BYKHOVSKAYA, S.N., red.; DIONIS'YEV, A.I., kand.tekhn.nauk, red.; KOZIN, Yu.V., red.; SOKOLOVSKIY, M.M., red.; YASTREBOV, A.I., red.; DEMIDYUK, G.P., kand.tekhn.nauk, red.; KRIVSKIY, M.N., kand.tekhn.nauk, red.; LYUBIMOV, B.N., inzh., red.; MOLOKANOV, P.L., inzh., red.; REISH, A.K., inzh., red.; RODIONOV, L.Ye., kand.tekhn.nauk, red.; SLAVUTSKIY, S.O., inzh., red.; TRAKHMAN, A.I., inzh., red.; TRYMOVSKIY, L.G., inzh., red.; FIDELEV, A.S., doktor tekhn.nauk, red.; SHUKHOV, A.N., kand.tekhn.nauk, red.; TER-IZRAEL'YAN, T.G., red. izd-va; PROZOROVSKAYA, V.L., tekhn.red.; KONDRAT'YEVA, M.A., tekhn.red.

(Continued on next card)

ALATORTSEV, S.A.---(continued) Card 3.

[Mining; an encyclopedic dictionary] Gornoe delo; entsiklopedicheskii spravochnik. Glav.red.A.M.Terpigorev. Chleny glav.red.A.I.Baranov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu. Vol.10. [Mining coal deposits by the open-cut method] Razrabotka ngol'nykh mestorozhdenii otkrytym sposobom. Redkollegia toma; N.V.Mel'nikov i dr. 1960. 625 p.
(MIRA 13:2)

1. Chlen-korrespondent AN SSSR (for Mel'nikov).
(Coal mines and mining) (Strip mining)

YAMSECHIKOV, S.M., inzh.; SHUKHOV, A .N., kand.tekhn.nauk; TULOVSKIY, M.V., inzh.

Mechanization of track work in open-pit mines. Gor.zhur. no.5:
42-45 My '61. (MIRA 14:6)

1. Institut gornogo dela AN SSSR, Lyubertsy, Moskovskoy obl.
(Mine railroads--Tracks)

SHUKHOV, Aleksey-Nikitovich; YAMSHCHIKOV, Sergey Mikhaylovich;
LYUBIMOV, N.G., otv. red.; LOMILINA, L.N., tekhn. red.;
MINSKER, L.I., tekhn. red.

[Mechanization of track work in open-pit haulage] Mekhanizatsiia
putevykh rabot na kar'ernom transporte. Moskva, Gos. nauchno-
tekhn. izd-vo lit-ry po gornomu delu, 1962. 86 p.

(MIRA 15:5)

(Mine railroads--Tracklaying machinery)

RAZMYSLOV, Yuriy Svyatoslavovich; NAUMOV, Igor', Konstantinovich;
SHUKHOV, A.N., kand. tekhn. nauk, retsenzent; OLEYNIKOV,
I.G., gorn. inzh., retsenzent; LYUBIMOVA, N.G., red.izd-
va; IL'INSKAYA, G.M., tekhn. red.; BOLDYREVA, Z.A.,
tekhn. red.

[Safety measures for workers in open-pit mining] Tekhnika
bezopasnosti dlia rabochikh, postupaiushchikh na kar'ery.
Moskva, Gosgortekhnizdat, 1963. 102 p. (MIRA 17:1)

~~_____~~

SHUKHOV, Adol'f Stepanovich; VLADIMIROV, A., red.; KIRILLINA, L.,
tekhn. red.

[Engineering know-how for each worker] Kazhdomu rabochemu -
inzhenernye znaniia. Moskva, Izd-vo TsK VIKSM "Molodaia
gvardiia," 1960. 47 p. (MIRA 15:1)

1. Sekretar' Khar'kovskogo oblastnogo komiteta Leninskogo soyuza
molodezhi Ukrainy (for Shukhov).
(Technical education)

ACC NR: AP6033538 SOURCE CODE: UR/0170/66/011/004/0516/0520

AUTHOR: Lyubchenko, A. P.; Tsarina, I. V.; Sherman, D. G.; Shukhov, A. S.

ORG: Transportation Machinery Plant, Khar'kov (Zavod transportnogo mashino-stroyeniya)

TITLE: Method of determining temperature fields of machinery-part surfaces inaccessible during operation

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 11, no. 4, 1966, 516-520

TOPIC TAGS: temperature, temperature dependence, temperature measurement, diffusion method, diffusion parameter, temperature field

ABSTRACT: A method is proposed for determining the temperatures and topologies of the temperature fields of objects which are inaccessible during operation. It is based on the use of the critical dependence of the diffusion parameters of materials on temperature. The method was tested on simple and complex multicomponent heterophase alloys over a wide temperature range (the lowest temperature was 200C). The alloys tested were 65G, Kh12M, Kh18N9T, EI283, and AK-4 grades, with partial reference made to parts of internal

Card 1/2

UDC: 536.5

ACC NR: AP6033538

combustion engines inaccessible during operation. [Based on authors' abstract]

SUB CODE: 13/SUBM DATE: 03May66/ORIG REF: 004/

Card 2/2

SHUKHOV, I. N.

Multipurpose theodolite for school. Geog. v shkole 18 no.3:
47-48 My-Je '55. (MIRA 8:9)

(Theodolites)

SHUKHOV, Ivan Petrovich, (1906-)

[Nights and days in America; writer's notebook] Dni i nochi
Ameriki; zapiski pisatel'ia. Alma-Ata, Kazakhskoe Goslitizdat,
1961. 215 p. (MIRA 14:12)
(United States—Description and travel)

SHUKHOV, K.S.; KAPITSA, O.S.

Controlled variability of the potato X virus in mixed infections
with the tobacco mosaic virus. Izv.AN SSR.Ser.biol. no.3:53-64
My-Je '56. (MLRA 9:8)

1. Institut genetiki Akademii nauk SSSR.
~ (VIRUSES) (POTATOES--DISEASES AND PESTS)
(TOBACCO--DISEASES AND PESTS)
(MOSAIC DISEASE)

"SHUKHOV, M.M., prof.; ORZHESHKOVSKIY, V.V. (Sochi)

So-called Predtechenskii-Sjogren syndrome. Klin.med. 39 no.1:
136-138 Ja '61. (MIRA 14:1)

1. Iz Sochinskogo nauchno-issledovatel'skogo instituta revma-
tizma (dir. - prof. M.M. Shikhov) Ministerstva zdravookhraneniya
RSFSR.

(MUCOUS MEMBRANES---DISEASES)

ZHUKOV, Pavel Konstantinovich; KAZANIN, Yuriy Ivanovich; KAYUPOV, Aryktay Kayupovich; MURSALIMOV, Khakim Ibragimovich; FIGULEVSKIY, Nikolay Arsen'yevich; SHLYGIN, Artem Yevgen'yevich. Prinimali uchastiye: BAYKENEV, Sh.A.; BAYNAZAROVA, G.; ZORIN, Ye.S.; KRIKUNOVA, N.P.; SHUKHOV, N.N.; BOK, I.I., akademik, otv. red.; NESTEROVA, I.I., red.; ALFEROVA, P.F., tekhn. red.

[Basic features of the geology and metallogeny of the Koksutekeli area of the Dzungarian Ala-Tau] Osnovnye cherty geologii i metallogenii Koksutekeliiskogo raiona Dzhungarskogo Alatau. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 123 p. (MIRA 15:11)

1. Institut geologicheskikh nauk (for Zhukov, Kazanin, Kayupov, Figulevskiy, Shlyginin). 2. Yuzhno-kazakhstanskoye geologicheskoye upravleniye (for Mursalinov). 3. Akademiya nauk Kazakhskoy SSR (for Bok).

(Dzungarian Ala-Tau—Geology, Economic)

PASHKOV, A.I.; KARATAYEV, N.K., doktor ekon.nauk; POLYANSKIY, F.Ya., doktor istor.nauk; TSAGOLOV, N.A., doktor ekonom.nauk; BEZMAN, R.R., kand.ekonom.nauk; PRIKAZCHIKOVA, Ye.V., kand.ekonom.nauk; SHUKHOV, N.S. Primali uchastiye: KOSHELEVA, Ye.F., mladshiy nauchnyy sotrudnik; KHUTORNA, V.F., mladshiy nauchnyy sotrudnik; CHIZHOVA, L.G., mladshiy nauchnyy sotrudnik; VILENSKAYA, V.S., starshiy nauchno-tekhnicheskiy sotrudnik; ZHUK, I., red.; MOSKVINA, R., tekhn.red.

[History of Russian economic thought] Istorii russkoi ekonomicheskoi mysli. Pod red. A.I.Pashkova i N.A.TSagolova. Moskva, Izd-vo sotsial'no-ekon.lit-ry. Vol.2. [Epoch of premonopolistic capitalism] Epokha domonopolisticheskogo kapitalizma. Pt.2. 1960. 676 p. (MIRA 13:11)

1. Akademiya nauk SSSR. Institut ekonomiki. 2. Chlen-korrespondent AN SSSR (for Pashkov). 3. Institut ekonomiki AN SSSR (for Kosheleva, Khutorna, Chizhova).

(Economics)

BREUSENKO, D.P.; ORESHKIN, V.V.; SHUKHOV, N.S.; MALININ, P.V., otv.
red.; PROTOPOPOVA, N.V., red.; VALUYEVA, I.V., tekhn.red.

[Methodology problems of the history of economic thought]
Nekotorye voprosy metodologii istorii ekonomicheskoi mysli.
Moskva, Mosk. in-t inzhenerov geodezii, aerofotos"emki i
kartografii, 1963. 71 p. (MIRA 16:3)
(Economics)

KONEV, B.; SHUKHOV, O.; YAMASHKIN, N.; VAYS, A.

Improving the operation of K-80 carburetors. Avt.transp.33 no.7:
17-19 J1'55. (MIRA 8:12)

(Automobiles--Engines--Carburetors)

SHIPOV, D.; SHUKHOV, O.

"Weber" carburetors. Avt. transp. 34 no.12:32-34 D '56.

(MIRA 10:2)

1. Moskovskiy zavod malolitrazhnykh avtomobiley (for Shipov).
2. Nauchno-issledovatel'skiy avtomotornyy institut (for Shukhov).
(Italy--Automobiles--Engines--Carburetors)

SHUKHOV, O.K.

Operation of the main carburetor metering and idling systems.
Avt. i trakt. prom. no.1:20-23 Ja '56. (MLRA 9:6)

1.Nauchno-issledovatel'skiy avtomotornyy institut.
(Carburetors)

SHUKHOV, O.K. Cand Tech Sci -- (diss) " Study of the ^{operation} ~~work~~ of an
emulsion carburetor and ~~the~~ method ^{for} of its regulation." Mos, 1957.

25 pp with ^{drawings} ~~diagrams~~. (Min of Higher Education USSR. Mos Motor
Vehicle and Road Inst). 120 copies.

(KL, 8-58, 106)

-41-

SHUKHOV, O.

Standardize carburetors of Russian automobiles. Avt. transp. 35
no.8:25-27 Ag '57. (MIRA 10:9)

1. Nauchno-issledovatel'skiy avtomotornyy institut.
(Automobiles--Engines--Carburetors)

12(2)

SOV/113-59-3-7/17

AUTHOR: Shukhov, O.K., Candidate of Technical Sciences

TITLE: The Interaction of Carburetor Dosing Systems (O vzai-
modeystvii doziruyushchikh sistem karbyuratorov)

PERIODICAL: Avtomobil'naya promyshlennost', 1959, Nr 3,
pp 19 - 20 (USSR)

ABSTRACT: The author discusses "The Interaction of Carburetor
Dosing Systems" by S.Yu. Koz'min, published in Avto-
mobil'naya i traktornaya promyshlennost', 1957,
Nr 9. This article was based on material obtained
at the Saratovskiy institut mekhanizatsii i elektri-
fikatsii sel'skogo khozyaystva (Saratov Institute of
Agricultural Mechanization and Electrification). The
author has the opinion that S.Yu. Koz'min based his
article on incorrect fact and therefore arrived at
false conclusions, which might lead to errors of
designers and experimental investigators working in
the field of carburators. He mentions the following

Card 1/2

SOV/113-59-3-7/17

The Interaction of Carburetor Dosing Systems

carburetor types: K-25A, K-22G, K-82, K-21, K-75. The investigations, conducted by NAMI, showed that the interaction of carburetor dosing systems is very different from the one explained by S.Yu. Koz'min. Under conditions of throttling, with simultaneous work of the main dosing and the idling speed systems, the fuel mixture becomes lean at great throttle openings, due to the drop of fuel consumption thru the idling speed system. This "overcompensation" was established by D.A. Rubets, Candidate of Technical Sciences. There are 2 diagrams and 2 Soviet references.

ASSOCIATION: NAMI

Card 2/2

12(2)

SOV/113-59-6-17/21

AUTHOR: Gusarov, L.I., Shukhov, O.K., Candidate of Technical Sciences

TITLE: Carburetors of European Small Cars

PERIODICAL: Avtomobil'naya promyshlennost', 1959, Nr 6, pp 40-43 (USSR)

ABSTRACT: The article describes the Solex-28PCJ, Weber-22DRA and Zenith-36WJ carburetors of Western European manufacture. There are 3 diagrams and 2 tables.

Card 1/1

SHUKHOV, O.K., kand.tekhn.nauk

Nature of the compensation process in an emulsion carburetor. Avt.prom. no.1:8-13 Ja '60. (MIRA 13:5)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo
Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy
institut.
(Automobiles--Engines--Carburetors)

GUSAROV, L.N.; SHUKHOV, O.K., kand.tekhn.nauk

The "Ikov" carburetors. Avt.prom. no.4:39-42 Ap '60. (MIRA 13:6)
(Automobiles--Engines--Carburetors)

SHUKHOV, O.K.; NIKOLAYEV, V.I.; KOVALEV, B.A.

Improvement of the starting characteristics of V-type carburetor engines. Avt.prom. no.9:12-14 S '61. (MIRA 14:9)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut. (Automobiles--Engines)

SHUKHOV, Oleg Kronidovich, kand. tekhn. nauk; PANFILOV, V.T., inzh.,
retsenzent; NAKHIMSON, Z.A., red. izd-va; CHERNOVA, Z.I.,
tekhn. red.

[Emulsion carburetors; principle of operation and methods for
regulation] Emul'sionnye karbiuratory; printsip raboty i me-
tody regulirovki. Moskva, Gos. nauchno-tekhn. izd-vo ma-
shinostroit. lit-ry, 1962. 70 p. (MIRA 15:4)
(Automobiles--Engines--Carburetors)

RUBETS, Dmitriy Alekseyevich, kand. tekhn. nauk; ~~SHUKHOV, Oleg~~
~~Kronidovich~~, kand. tekhn. nauk; GRINBERG, P.I., red.;
~~GALAKTIONOVA~~, Ye.N., tekhn. red.

[Fuel systems of motor-vehicle carburetor engines; their
design, maintenance, and adjustment] Sistemy pitania
avtomobil'nykh karbiuratornykh dvigatelei; ustroistvo,
tekhnicheskoe obsluzhivanie i regulirovka. Pod obshchei
red. D.A. Rubetsa .Moskva, Avtotransizdat, 1963. 332 p.

(MIRA 16:9)

(Motor vehicles--Fuel systems)

SHUKHOV, Yu.

Pressure working of hard-to-work metals and alloys. Kuz.-shtam.
proizv. 7 : 0.48-3 of cover Ag '65. (MIRA 18:9)

SHUKHOV, Yu.V., inzhener.

Specialization for the production of fastening devices used in
the machinery industry. Vest.mash.27 no.12:83-87 D '47.
(Fastenings) (MLRA 9:4)

"Istorii razvitiia volochil'noy obrabotki" "Mash.
(Mash. Mach., 1948, no. 4, p.66-68)

Includes Bibliography.

(History of the drawing industry development in Russia.

HC: TM.VI

SO: Manufacturing and Mechanical Engineering in the Soviet Union,
Library of Congress, 1953.

Shukhov, Yu. V.

"Drawing of Sheet With Back Pull by Upsetting", Sbornik Trudov Stankina, Nr 1, Tekhnologiya Shtampovki, Mashgiz, 1953.

SHUKHOV, Yu.V., kand. tekhn. nauk, dots.

In memory of I.A. Nevedomskii, Sbor. MOSSTANKIN no.3:5-8 '55.
(MIRA 13:3)

(Nevedomskii, Ivan Afanas'evich, d. 1813)

SHUKHOV, Yu.V., kand. tekhn. nauk, dots.

Experimental investigation of the impact-extrusion process.
Sbor. MOSSTANKIN no.3:73-87 '55. (MIRA 13:3)
(Extrusion process)

PHASE I BOOK EXPLOITATION

SOV/3770

Shukhov, Yuriy Vladimirovich

Profil'noye volocheniye v mashinostroyeni (Drawing of Shapes in Machine Building).
Moscow, 1958. 29 p. (Series: Peredovoy opyt proizvodstva. Seriya "Tekhnologiya mashinostroyeniya", vyp. 4, Novyye tekhnologicheskiye protsessy) 4,000 copies printed.

Sponsoring Agencies: Moscow. Dom nauchno-tekhnicheskoy propagandy im. F. E. Dzerzhinskogo, and Obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy RSFSR.

Tech. Ed.: R. A. Sukhareva; Ed.: A. N. Malov.

PURPOSE: This booklet is intended for foremen and workers in drawing shops.

COVERAGE: The author attempts to fill the gaps in information on possibilities, processing methods, and construction of drawing tools, in order to accelerate the introduction of this process into industry. No personalities are mentioned. There are 7 references, all Soviet.

Card 1/2

SLEZNIKOV, G.I., inzh.; ANNENKOVA, Ye.G., kand.tekhn.nauk; GRUDOV, P.P.,
kand.tekhn.nauk [deceased]; DEGTYARENKO, N.S., kand.tekhn.nauk;
IMSHENNIK, K.P., kand.tekhn.nauk; KASENKOV, M.A., kand.tekhn.
nauk; MEL'NIKOV, N.P., inzh.; MALOV, A.N., kand.tekhn.nauk;
POKROVSKIY, B.V., inzh.; POLYAK, S.M., kand.tekhn.nauk; POLYANSKIY,
A.N., kand.tekhn.nauk; POPILOV, L.Yu., inzh.; POPOV, V.A., kand.
tekhn.nauk; RUBINSHTEYN, S.A., kand.tekhn.nauk; SOKOLOV, N.L.,
inzh.; SHAMIRGON, S.A., inzh.; SHESTOPAL, V.M., kand.tekhn.nauk;
SHUKHOV, Yu.V., kand.tekhn.nauk; ACHERKAN, N.S., prof., doktor
tekhn.nauk, glavnyy red.; VLADISLAVLEV, V.S., red. [deceased];
POZDNYAKOV, S.N., red.; ROSTOVYKH, A.Ya., red.; STOLBIN, G.B.,
red.; CHERNAVSKIY, S.A., red.; KRYLOV, V.I., inzh, red.;
KARGANOV, V.G., inzh., red.graficheskikh rabot; SOKOLOVA, T.F.,
tekhn.red.

[Metalworking handbook in five volumes] Spravochnik metallista
v plati tomakh. Chleny red.soveta: V.S.Vladislavlev i dr.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry. Vol.3. .
Book 2. [Ferrous and nonferrous metal products] Sortament chernykh
i tsvetnykh metallov. 1958. 204 p. Vol.4. 1958. 778 p. (MIRA 12:1)
(Metalwork)

СЛУЖБА, 40. V.

ANTIPOV, K.F., inzh.; BALAKSHIN, B.S., prof., doktor tekhn.nauk; BARYLOV, G.I., inzh.; BEYZEL'MAN, R.D., inzh.; BERDICHEVSKIY, Ya.G., inzh.; BOBKOV, A.A., inzh.; KALININ, M.A., kand.tekhn.nauk; KOVAN, V.M., prof., doktor tekhn.nauk; KORSAKOV, V.S., doktor tekhn.nauk; KOSILOVA, A.G., kand.tekhn.nauk; KUDRYAVTSEV, N.T., prof., doktor khim.nauk; KURYSHEVA, Ye.S., inzh.; LAKHTIN, Yu.M., prof., doktor tekhn.nauk; NAYERMAN, M.S., inzh.; NOVIKOV, M.P., kand.tekhn.nauk; PARIYSKIY, M.S., inzh.; PEREPONOV, M.N., inzh.; POPILOV, L.Ya., inzh.; POPOV, V.A., kand.tekhn.nauk; SAVERIN, M.M., prof., doktor tekhn.nauk; SASOV, V.V., kand.tekhn.nauk; SATEL', E.A., prof., doktor tekhn.nauk; SOKOLOVSKIY, A.P., prof., doktor tekhn.nauk [deceased]; STANKEVICH, V.G., inzh.; FRUMIN, Yu.L., inzh.; KHRAMOY, M.I., inzh.; TSEYTLIN, L.B., inzh.; SHUKHOV, Yu.V., kand.tekhn.nauk; MARKUS, M.Ye., inzh., red. [deceased]; GRANOVSKIY, G.I., red.; DEM'YANYUK, F.S., red.; ZUBOK, V.N., red.; MALOV, A.N., red.; NOVIKOV, M.P., red.; CHARNKO, D.V., red.; KARGANOV, V.G., inzh., red. graficheskikh rabot; SOKOLOVA, T.F., tekhn.red.

[Manual of a machinery designer and constructor; in two volumes] Spravochnik tekhnologa-mashinostroitelia; v dvukh tomakh. Glav. red. V.M.Kovan. Chleny red.soveta B.S.Balakshin i dr. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. Vol.1. Pod red. A.G.Kosilovoi. 1958. 660 p. (MIRA 13:1)
(Mechanical engineering--Handbooks, manuals, etc.)

25(1)

SHUKHOV, N.V.

PHASE I BOOK EXPLOITATION

SOV/1337

Arkhipov, Vladimir Vasil'yevich; Mikhail Aleksandrovich Kasenkov; Moisey Nissonovich Larin; Yakov Il'ich Ostrovskiy; Kseniya Markovna Pogodina-Alekseyeva; Nikolay Vasil'yevich Sokolov; Gennadiy Dmitriyevich Shevchenko; and Yuriy Vladimirovich Shukhov

Tekhnologiya metallov (The Technology of Metals) Moscow, Mashgiz, 1958, 767 p.
10,000 copies printed.

Eds. (Title page): Sokolov, N.V., Professor and Larin, M.N., Doctor of Technical Sciences, Professor; Eds. (Inside book): Glikin, N.M., Docent; and Brushteyn, B.Ye., Candidate of Technical Sciences, Docent; Tech. Eds.: Uvarova, A.F.: and Sokolova, T.F.: Managing Ed. for Literature on Metal Working and Machine-Tool Manufacture (Mashgiz): Beyzel'man, R D., Engineer.

PURPOSE: This book is intended for students at vtuzes specializing in fields other than machine building.

COVERAGE: This is a textbook presenting basic data on the structure and properties of metals and alloys, as well as methods of producing and processing them. Such matters as casting, forging, welding, and heat treatment are discussed. Modern equipment for all types of metal treatment is described. The seven broad divisions of the book are: Metallurgy of ferrous and non-ferrous metals; essentials of physical metallurgy and heat treatment; casting; metal forming; welding; machining.

SHUKHOV, YU.V

25(2), (7)

PHASE I BOOK EXPLOITATION

SOV/1437

Spravochnik metallista v pyati tomakh, t. 4, (Metals Engineering Handbook in Five Volumes, Vol 4) Moscow, Mashgiz, 1958. 778 p. 50,000 copies printed.

Ed. (Title page): A.N. Malov, Candidate of Technical Sciences; Ed. (Inside book): V.I. Krylov, Engineer; Tech. Ed.: T.F. Sokolova; Editorial Board: N.S. Acherkan (Chairman and Chief Ed.), Doctor of Technical Sciences, Professor; V.S. Vladislavlev, Professor (Deceased); A.N. Malov, Candidate of Technical Sciences; S.N. Pozdnyakov; A. Ya. Rostovkyh; G.B. Stolbin; and S.A. Chernavskiy; Managing Ed. for Reference Literature: V.I. Krylov, Engineer.

PURPOSE: This handbook may be useful to technicians and engineers working in the field of machine design and production.

COVERAGE: This volume covers the following topics: casting, forging, pressing, stamping, welding, electric methods of machining, and metal cutting. Recently developed electrical methods of machining which are not yet used in production are described; viz., the so-called "electropulse" and "electrohydraulic" methods. No personalities are mentioned. There are 79 Soviet references.

Card 1/9

Metals Engineering Handbook (Cont.)

SOV/1437

TABLE OF CONTENTS:

I. Castings (Cast Parts) V.M. Shestopal, Candidate of Technical Sciences, and S.A. Shamirgon, Engineer	1
Methods of making castings	1
Equipment	16
Designs of castings	20
Suitable mold design	20
Design for quality castings	25
Tolerances and allowances on castings	31
Design data for cast parts	39
Design of corners, blendings, and junctions	39
Selection of wall thickness in castings	43
Construction of internal cavities and openings	44
Construction of ribs, flanges, lugs and bosses	46
II. Forging and Stamping	52
General information (Yu.V. Shukhov, Candidate of Technical Sciences	52
Changes of metal properties in metal forming (Yu.V. Shukhov, Candidate of Technical Sciences)	60

Card 2/9

Metals Engineering Handbook (Cont.)

SOV/1437

Heating metal before forging and stamping (M.A. Kasenkov, Candidate of Technical Sciences)	62
General information	62
Cooling of forgings	70
Heating equipment for forging	73
Open die forging(V.B. Pokrovskiy, Engineer)	78
Tools for open die forging	88
Open die forging technique	93
Forging in blacksmith closed dies	105
Combined smith' and drop forging by the method of A.V. Potekhin	108
Hammer forging (Yu.V. Shukov, Candidate of Technical Sciences)	109
Hot forging on crank presses (Yu. V.Shukhov, Candidate of Technical Sciences, and N.L. Sokolov, Engineer)	135
Forging on percussion presses	154
Forging on horizontal machines	155
Trimming, piercing, straightening and sizing of forgings (N.L. Sokolov, Engineer)	175
Trimming and piercing of forgings	175
Straightening of forgings	179
Sizing of forgings	180

Card 3/9

Metals Engineering Handbook (Cont.)

SOV/1437

III. Cold Working (A.N. Malov, Candidate of Technical Sciences)	185
Designing dimensions and shape and blanks	185
Determination of shape and dimensions of blanks for parts requiring deforming operations	185
Dimensions of blanks for parts to be made by bending	185
Dimensions of blanks for parts to be made by drawing	189
Determination of width of strip or band and simultaneous determination of coefficient of utilization of the material	202
Slitting a sheet into strips	209
Calculation of the force for basic stamping operations	216
Basic production design	224
Punching and piercing	224
Drawing cylindrical parts without flange	236
Drawing without thinning	236
Drawing with thinning	242
Drawing parts with flange	243
Drawing hollow step-shaped parts	245
Drawing tapered parts	246

Card 4/9

Metals Engineering Handbook (Cont.)

SOV/1437

[Progressive] drawing from strip	247
Geometry of working portions of a stamping die	249
Punching, piercing, notching, and cutting-off operations	249
Trimming	252
Bending	254
Drawing without thinning	258
Cold three-dimensional stamping (S.M. Polyak, Candidate of Technical Sciences)	260
Cold upsetting (V.A. Popov, Candidate of Technical Sciences)	269
Materials for cold upsetting	269
Tools	271
Typical production methods of cold upsetting	272
IV. Welding (K.P. Imshennik, Candidate of Technical Sciences)	278
General information	278
Manual arc welding of constructional steels	283
Welding equipment	286
Spot and seam welding of sheet metal	290
Cast-iron welding	293

Card 5/9

Metals Engineering Handbook (Cont.)

SOV/1437

Welding nonferrous metals	293
Oxygen [flame] metal cutting	295
Use of welding in toolmaking	297
Butt welding in toolmaking	297
Surfacing of cutting tools	306
Welding high-speed steel bits on single-point tools	312
Brazing of carbide alloy tools	313
 V. Electric Machining Methods (L.Ya. Popilov, Engineer)	317
Electrochemical machining methods	317
Basic equipment for electrolytic polishing	323
Chemical machining methods	324
Anodic machining methods	325
Tools for anodic machining	325
Equipment	329
Heating metals and alloys in electrolytes	332
Electroresistance machining	334
Electrospark machining	340
Equipment for electrospark machining	356
Electropulse machining	356
"Electrohydraulic" machining [Using high pulse pressures generated in liquid by a high-voltage pulse discharge with short duration and steep front]	357

Card 6/9

Metals Engineering Handbook (Cont.)

· SOV/1437

VI. Cutting Regimes (P.P. Grudov [Deceased], Ye.G. Annenkova, and S.A. Rubinshteyn, Candidates of Technical Sciences)	357
General information	359
Elements of cutting process	359
Turning operations	360
Planing and shaping	385
Drilling and enlarging	386
Countersinking and reaming	397
Broaching	403
Milling	407
Cutting with disc-type saws	419
Cutting with powered hack-saws and with band-saws	422
Thread cutting	423
Tooth-cutting operations	432
Grinding operations	452
VII. Wear of Cutting Tools (Ye.G. Annenkova and S.A. Rubinshteyn, Candidates of Technical Sciences)	460
Wear and life of single-point tools	460

Card 7/9

Metals Engineering Handbook (Cont.)

SOV/1437

Wear and life of drills	463
Wear and life of countersinks and reamers	465
Wear and life of broaches	467
Wear and life of milling cutters	468
Wear and life of disc-type saws	471
Wear and life of thread-cutting tools	471
Use of lubricating coolants	480

VIII. Formulas for Basic Machine Time on Metal-cutting Machine Tools
(Ye.G. Annenkova and S.A. Rubinshteyn, Candidates of Technical Sciences)

Formulas for calculation of basic machine time	484
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IX. Fixtures for Mechanical Machining N.F. Mel'nikov, Engineer)

Definitions and classification	517
Parts and mechanisms for setting	517
Parts and mechanisms for clamping	518
Mechanized actuators for clamping devices	534
Setting-clamping devices	550
Parts and mechanisms for guiding	596
Standardized universal fixtures and universal setting-up devices	626

Card 8/9

Metals Engineering Handbook (Cont.)

SOV/1437

X. Bench Work (A.N. Malov, Candidate of Technical Sciences)	670
Chipping	670
Sawing (A.N. Polyanskiy, Candidate of Technical Sciences)	673
Filing (A.N. Polyanskiy, Candidate of Technical Sciences)	674
Scraping (A.N. Malov, Candidate of Technical Sciences)	700
Layout (A.N. Malov, Candidate of Technical Sciences)	704
Mechanic's hand tools for assembling (A.N. Malov, Candidate of Technical Sciences)	707
XI. Metal Shearing (N.S. Degtyarenko, Candidate of Technical Sciences)	720
General information	720
Tools for cutting-off operations in metal-cutting machine tools	722
Tools for cutting-off operations in presses and shears	745
Alphabetical Subject Index (S.L. Khas'minskiy)	751

AVAILABLE: Library of Congress

Card 9/9

GO/gmp
5-25-59

SVADKOVSKAYA, Mariya Moiseyevna; RYSKO, S.Ya., red.; SHUKHOV, Yu.V...
red.; SUSHKEVICH, V.I., tekhn.red.

[Instructing new workers by the individual study method] Pod-
gotovka novykh rabochikh metodom individual'nogo uchenichestva.
Moskva, Vses.uchebno-pedagog.izd-vo Trudrezervizdat, 1959.
56 p. (MIRA 13:3)

1. Starshiy inzhener po podgotovke kadrov na Moskovskom zavode
shlifoval'nykh stankov. (for Svadkovskaya).
(Employees, Training of)

GAVRILOV, A.N., prof., doktor tekhn.nauk; DEM'YANYUK, F.S., prof., doktor tekhn.nauk; MITROFANOV, S.P., kand.tekhn.nauk; KORSKOV, V.S., prof., doktor tekhn.nauk; IVANOV, D.P., doktor tekhn.nauk; STOROZHEV, M.V., kand.tekhn.nauk; MALOV, A.N., kand.tekhn.nauk; KUDRYAVTSEV, I.V., prof., doktor tekhn.nauk; SHNEYDER, Yu.G., kand.tekhn.nauk; SHUKHOV, Yu.V., dotsent; KAZAKOV, N.F., kand.tekhn.nauk; ZOLOTYKH, B.N., kand.tekhn.nauk; ROZENBERG, L.D., prof., doktor tekhn.nauk; YAKHIMOVICH, D.Ya., inzh.; NIKOLAYEV, G.A., prof., doktor tekhn.nauk; VLADZIYEVSKIY, A.P., doktor tekhn.nauk; SHAUMYAN, G.A., prof., doktor tekhn.nauk; KOSHKIN, L.N., kand.tekhn.nauk; BOBROV, V.P., kand.tekhn.nauk; NOVIKOV, M.P., kand.tekhn.nauk; VIKHMAN, V.S., kand.tekhn.nauk; DERBISHER, A.V., kand.tekhn.nauk; KLIMENKO, K.I., prof., doktor ekonom.nauk; VYATKIN, A.Ye., inzh.; SATEL', E.A., prof., doktor tekhn.nauk; FOFANOV, I.G., inzh.; MATVEYENKO, V.V., inzh.; KOCHETOVA, G.F., inzh., red.isd-va; EL'KIND, V.D., tekhn.red.; TIKHANOV, A.Ya., tekhn.red.

[Present status and trends of future development of technological processes in the manufacture of machinery and instruments] Sovremennoe sostoyaniye i napravleniya razvitiya tekhnologii mashinostroyeniya i priborostroyeniya. Moskva, Gos.nauchno-tekhn.isd-vo mashinostroyit.lit-ry, 1960. 563 p. (MIRA 13:7)

(Machinery industry--Technological innovations)
(Instrument manufacture--Technological innovations) (Automation)

SHUKHOV, Yu.V., red.; YUSTUS, R.R., red.; SOBOLEVA, G.N., red. izd-
va; MODEL', B.I., tekhn. red.

[Progressive methods of manufacturing, finishing, and hardening
metal parts by plastic deformation] Progressivnye metody izgo-
tovleniia, otdelki i uprochneniia metallicheskih detalei plasti-
cheskim deformirovaniem. Pod red. IU.V.Shukhova i R.R.IUstusa.
Moskva, Mashgiz, 1962. 238 p. (MIRA 15:7)

1. Moskovskiy dom nauchno-tekhnicheskoy propagandy imeni F.E.
Dzerzhinskogo.

(Sheet-metal work) (Extrusion (Metals)) (Surface hardening)

S/182/63/000/003/008/008
A004/A127

AUTHOR: Shukhov, Yu. V.

TITLE: Seminar on volumetric cold pressing

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, no. 3, 1963, 48 - 49

TEXT: In December 1962, a seminar on volumetric cold metal forming was convened by the Moskovskiy dom nauchno-tekhnicheskoy propagandy im. F. E. Dzerzhinskogo (Moscow House of Scientific and Technical Propaganda im. F. E. Dzerzhinskiy), the Forging and Pressing Section of the Moscow City NTO Mashprom and VDNKh USSR, in which 300 representatives of institutes and plants of Moscow, Leningrad, Minsk, Riga, and other towns participated. Professor A. D. Tomlenov read a paper on problems connected with the determination of stresses in volumetric cold pressing, Professor Yu.A. Geller presented extensive data on cold pressing steels, A. E. Pavaras reported on new low-deformable die steels, S. Ya. Vayler reported on investigations performed in the field of friction and lubrication in cold pressing at the Institute of Physical Chemistry of the Academy of Sciences.

Card 1/2

Seminar on volumetric cold pressing

S/182/63/000/003/008/008
A004/A127

ces USSR under the supervision of Academician P. A. Rebinder; Lecturer G. A. Navrotsky reported on new automatic presses for volumetric cold pressing and A. M. Pavlik reported on the application of volumetric cold pressing at the Minsk Tractor Plant. Other papers on the subject of volumetric cold pressing were read by A. G. Reznikov, A. T. Oreshkin, V. P. Kadilin, I. A. Sauskan, V. B. Pokrovskiy, B. P. Boris, I. A. Novikov, S. A. Valiyev, S. A. Yelenov and R. I. Nepershin. The participants of the Seminar pointed out that, on the whole, volumetric cold pressing is still not widely applied at the plants of the Soviet Union.

Card 2/2

ARKHIPOV, Vladimir Val'evich, dots; KASENKOV, Mikhail
Aleksandrovich, dots., kand. tekhn. nauk; LARIN, Moisey
Nisonovich, prof., doktor tekhn. nauk; SKOLOV, Nikolay
Vasil'yevich, prf.[deceased]; SHEVCHENKO, Gennadiy
Dmitriyevich, dots., kand. tekhn. nauk; SHUKHOV, Yuriy
Vladimirovich, dots., kand. tekhn. nauk; SHCHERBAKOV, G.S.,
red.

[Technology of metals] Tekhnologiya metallov. [By] V.V.
Arkhipov i dr. Izd. 2., perer. Moskva, Vysshaya shkola,
1964. 563 p. (MIRA 17:10)